

Title (en)

PRESS TOOL WITH PROCESSING PARTS EXCHANGEABLE WHILE UNDER THE PRESS

Publication

**EP 0181269 B1 19881228 (FR)**

Application

**EP 85402145 A 19851106**

Priority

FR 8417112 A 19841109

Abstract (en)

[origin: ES8700986A1] A stamping machine tool having working parts in the form of one or several matrices and one or several stamps, and a blank-holder guiding the stamp(s) in its(their) displacements and securing in position against this or these matrices during the working stroke, a sheet metal piece subjected to a form shaping operation and wherein there is provided between the matrices and the stamp(s) a blank-holder that performs at least one normal working stroke and two withdrawal strokes, at will, namely a normal withdrawal stroke and an intervention withdrawal stroke which allow a dismantling of the working parts of the tool while on the machine.

IPC 1-7

**B21D 45/00**; **B21D 37/10**; **B21D 28/26**

IPC 8 full level

**B30B 15/02** (2006.01); **B21D 28/26** (2006.01); **B21D 28/34** (2006.01); **B21D 37/00** (2006.01); **B21D 37/10** (2006.01); **B21D 45/00** (2006.01)

CPC (source: EP US)

**B21D 28/26** (2013.01 - EP US); **B21D 37/10** (2013.01 - EP US); **B21D 45/006** (2013.01 - EP US); **Y10T 83/2137** (2015.04 - EP US); **Y10T 83/215** (2015.04 - EP US); **Y10T 83/5669** (2015.04 - EP US); **Y10T 83/75** (2015.04 - EP US); **Y10T 83/9473** (2015.04 - EP US)

Cited by

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DOCDB simple family (publication)

**EP 0181269 A1 19860514**; **EP 0181269 B1 19881228**; AU 5499886 A 19870924; AU 584686 B2 19890601; CA 1264420 A 19900116; DE 3566960 D1 19890202; ES 548702 A0 19861116; ES 8700986 A1 19861116; FR 2572963 A1 19860516; FR 2572963 B1 19861212; JP H0613160 B2 19940223; JP S61115700 A 19860603; US 4656902 A 19870414

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